

COIN CATAPULT DEVICE FOR USE IN AN AMUSEMENT GAME

ABSTRACT

A catapult device for hurling objects towards a target includes a support
5 structure and a pivot bracket pivotally mounted on the support structure and
provided with a bearing arrangement. A lever arm is pivotally connected to the
support structure and is engageable with the pivot bracket. A spring-biased motion
translation arrangement is coupled to the lever arm and is engageable with the
bearing arrangement on the pivot bracket. A pivot arm is pivotally secured to the
10 support structure and the motion translation arrangement. The pivot arm is
provided with a receiver for holding an object to be hurled. Pivotal movement of
the lever arm develops a spring force in the motion translation arrangement and
enables the pivot bracket to pivot such that the motion translation arrangement
moves along the bearing arrangement, and releases the spring force causing the
15 pivot arm to swing and hurl the object.